



## PATENT ABSTRACTS OF JAPAN

(11) Publication number: **62000506 A**(43) Date of publication of application: **06.01.87**

(51) Int. Cl.

**C08F 8/04**  
**// C08F232/06**  
**C08F240/00**

(21) Application number: **60139143**(22) Date of filing: **27.06.85**(71) Applicant: **IDEMITSU PETROCHEM CO LTD**

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**(54) HYDROCARBON RESIN****(57) Abstract:**

**PURPOSE:** To improve the compatibility with an adhesive base such as a thermoplastic resin or natural or synthetic rubber, by specifying the bromine value of a hydrocarbon resin obtained by hydrogenating a copolymer of a cyclopentadiene compound with a vinyl-substituted aromatic hydrocarbon.

**CONSTITUTION:** A hydrocarbon resin obtained by hydrogenating a cyclopentadiene compound/vinyl-substituted aromatic hydrocarbon

copolymer and has a bromine value of 3W7. Examples of said cyclopentadiene compounds which can be desirably used include cyclopentadiene and dicyclopentadiene. Examples of said vinyl-substituted aromatic hydrocarbons which can be desirably used include styrene,  $\alpha$ -methylstyrene and vinyltoluene, among which styrene is preferable. The ratio between said two comonomers is preferably such that 80W30wt% cyclopentadiene compound is used per 20W70wt% vinyl-substituted aromatic hydrocarbon (the total being 100wt%).

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